



Atty. Docket No.: A070 US CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: MacKay et al.

Examiner: TBD

Serial No.: 10/045,574

Group Art Unit: 1646

Filing Date: November 7, 2001

For: BAFF, INHIBITORS THEREOF AND THEIR USE IN THE
MODULATION OF B-CELL RESPONSE AND TREATMENT
OF AUTOIMMUNE DISORDERS

POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Biogen, Inc., the assignee of the entire right, title and interest in the above-identified patent application, hereby appoints:

Raymond G. Arner 32,958
Allan A. Brookes 36,373
Timothy Linkkila 40,702
John T. Li 44,210

Gillian M. Fenton 36,508
Gary L. Creason 34,310
Niki D. Cox 42,446

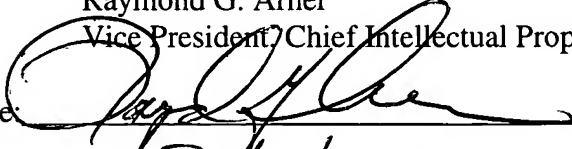
as the attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Copies of the executed assignments are attached hereto as documentary evidence of the chain of title from the original inventors to the assignee, Biogen, Inc. Request for recordation of the assignments is submitted concurrently herewith.

Please change the correspondence address for the above-identified application to:

Timothy P. Linkkila
Biogen, Inc.
14 Cambridge Center
Cambridge, MA 02142
Tel.: (617) 679-3795
Fax: (617) 679-2838

The undersigned is duly authorized to act on behalf of the assignee, Biogen, Inc.

Name: Raymond G. Arner
Title: Vice President, Chief Intellectual Property Counsel
Signature: 
Date: 17 September 2002
#11317

ASSIGNMENT

WHEREAS, we, Fabienne MacKay and Susan Kalled have invented BAFF
INHIBITORS THEREOF AND THEIR USE IN THE MODULATION OF B-CELL REPOSE
AND TREATMENT OF AUTOIMMUNE DISORDERS described in an application for Letters
Patent of the United States, the specification of which:

[] is being executed on even date herewith and is about to be filed in the United
States Patent Office;

[X] was filed on November 7, 2001 as Application No. 10/045574;

[] was patented under U.S. Patent No. [] on [].

WHEREAS, **Biogen, Inc.** ("ASSIGNEE"), a corporation organized and existing under
the laws of the **Commonwealth of Massachusetts**, and having a usual place of business at
Fourteen Cambridge Center, Cambridge, Massachusetts 02142 desires to acquire an interest
therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in
consideration of said agreements and of other good and valuable consideration, the receipt and
sufficiency of which is hereby acknowledged, we have sold, assigned and transferred and by
these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns
and legal representatives, the entire right, title and interest in and throughout the United States of
America, its territories and all foreign countries, in and to said invention as described in said
application, together with the entire right, title and interest in and to said application including
any divisions, continuations and continuations-in-part thereof, and such Letters Patent of the
United States, and of foreign countries, as may issue thereon or claim priority therefrom; and in
and to any and all renewals, reissues, reexaminations and extensions thereof; said invention,
application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and
behalf and for its successors, assigns and legal representatives, to the full end of the term for
which said Letters Patent may be granted as fully and entirely as the same would have been held
by us had this assignment and sale not been made; we hereby convey all rights arising under or
pursuant to any and all international agreements, treaties or laws relating to the protection of
industrial property by filing any such applications for Letters Patent including, without
limitation, any and all priority rights, convention rights and order benefits accruing or to accrue
to assignee with respect to the filing of applications for patents in the United States and countries
foreign thereto. We hereby acknowledge that this assignment, being of the entire right, title and
interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain
from competent authorities in all countries of the world any and all Letters Patent by attorneys
and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent
to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute
upon request any other lawful documents and likewise to perform any other lawful acts which
may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its

successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation and continuation-in-part applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature: Fabienne MacKay
Fabienne MacKay

Witness's Signature: [Signature]
Name:

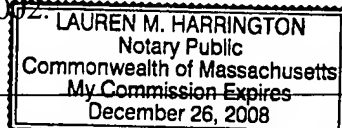
Witness's Signature: [Signature]
Name:

Inventor's Signature: Susan Kalled
Susan Kalled

State/Commonwealth
Of Massachusetts
County of Middlesex

Then personally appeared before me the above-named Susan Kalled and acknowledged that she executed the foregoing instrument as her free act and deed this 2nd day of July, 2002.

(SEAL)



Notary Public
(print name)

My Commission expires / /